इंटरनेट मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

"जानने का अधिकार, जीने का अधिकार"
Mazdoor Kisan Shakti Sangathan
"The Right to Information, The Right to Live"

"पुराने को छोड नये के तरफ"
Jawaharlal Nehru
"Step Out From the Old to the New"

IS 9725-2 (1981): Specification For Male Stud Tee Body (Stud Branch) for Oil-hydraulic Couplings, Part II: Made from Bar Stock [PGD 17: Fluid Power Fittings, Hoses and Hose Assemblies]

"ज्ञान से एक नये भारत का निर्माण"
Satyanarayan Gangaram Pitroda
"Invent a New India Using Knowledge"

Act Number 22 of 2005
The Indian Parliament
RIGHT TO INFORMATION

Made Available By
Public.Resource.Org

"ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है"
Bhartṛhari—Nītiśatakam
"Knowledge is such a treasure which cannot be stolen"

BLANK PAGE

BRUTUM FULMEN

IGNORANTIA JURIS NON EXCUSAT

PROTECTED BY COPYRIGHT

UDC 621·643·4·063 : 669-422 : 621·643·415/418-822

IS : 9725 (Part II)-1981

REAFFIRMED 2007

Indian Standard

SPECIFICATION FOR MALE STUD TEE BODY (STUD BRANCH) FOR OIL-HYDRAULIC COUPLINGS

PART II MADE FROM BAR STOCK

1. Scope—Specifies the dimensions, material and other requirements for male stud tee bodies (stud branch) with parallel pipe threads for use in oil-hydraulic system.

2. Dimensions—Shall be as given in Table 1.

3. Material—Steel conforming to Designation 14C, 14 S, 14 of IS : 1570 (Part III)-1979 'Schedules for wrought steels : Part III Carbon and carbon-manganese free cutting steels (*first revision*)' or any other steel as agreed to between the user and the manufacturer.

4. Surface Protection—Male stud tee bodies shall be phosphated to Class A2 of IS : 3618-1966 'Specification for phosphate treatment of iron and steel for protection against corrosion', unless otherwise agreed to between the user and the manufacturer.

5. General Requirements

5.1 These male stud tee bodies are intended for assembly in accordance with Type B of IS : 9767-1981 'Specification for tee coupling assemblies for oil-hydraulic systems'.

5.2 For details not covered in this standard, reference shall be made to IS : 8805 (Part I)-1978 'General requirements for ferrule type couplings used in oil-hydraulic systems : Part I General'.

6. Designation—A male stud tee body of light series L for outside diameter of tube 22 mm and conforming to this standard shall be designated as :

Stud Tee Body L22 IS : 9725 (Part II)

EXPLANATORY NOTE

This standard covers male stud tee bodies made from bar stock only. The tee bodies made from forgings are covered in IS : 9725 (Part I)-1981 'Specification for male stud tee body (stud branch) for oil-hydraulic couplings : Part I Made from forgings'.

In the preparation of this standard assistance has been derived from the following standards:

BS 4368	Specification for carbon and stainless steel compression couplings for tubes: Part 1 : 1972 Heavy series (metric) Part 3 : 1974 Light series (metric). British Standards Institution (BSI)
DIN 3907-1965	Non-soldered taper bush type pipe unions ; T used as an adaptor with parallel thread on screwed-in-end for use with union nut. Deutsches Institut für Normung (DIN).

Fluid Power Systems and Components Sectional Committee, EDC 73; Port, Fittings, Tubes, Hoses Fittings, and Assemblies Subcommittee, EDC 73 : 2
[Ref : Doc : EDC 73 (3060)]

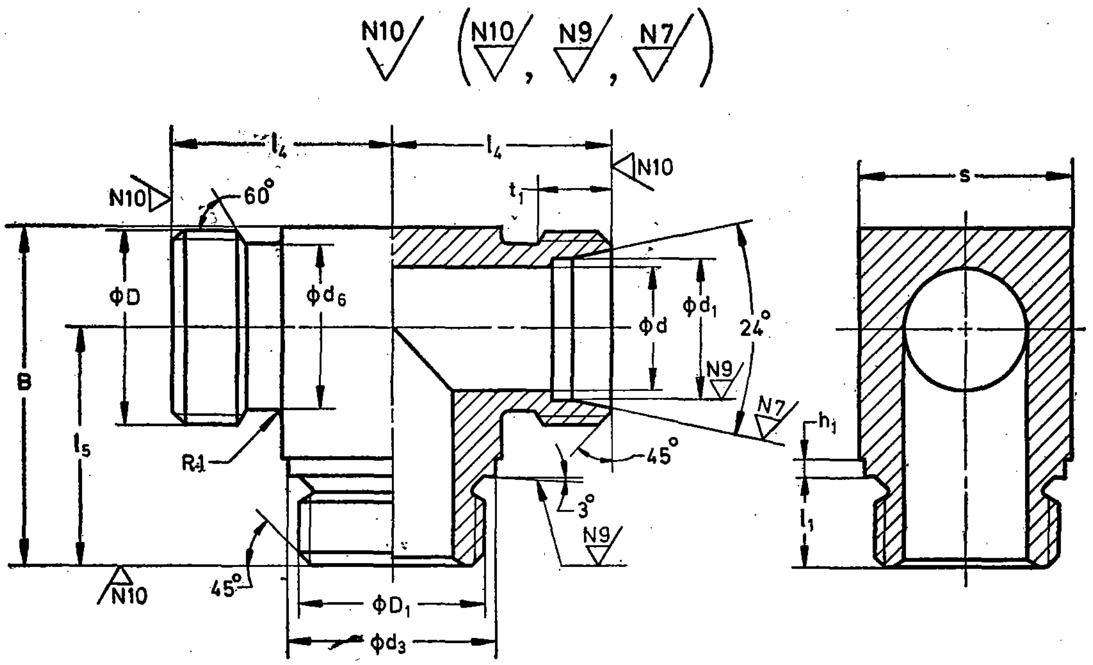
Adopted 17 February 1981 | © August 1981, ISI | Price Rs 5·00

INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

TABLE 1 DIMENSIONS FOR MALE STUD TEE BODY (STUD BRANCH) MADE FROM BAR STOCK

(*Clause* 2)

All dimensions in millimetres.



Series	Outside Dia of Tube	D*	D_1†	d	d_1 B11	d_3 −0·4	d_6 h13	t_1 ±0·2	l_1 ±0·2	l_4 ±0·3	l_5 ±0·3	h_1	B +0·5	s‡
Light L	22	M30×2	G¾	18	22	32	27	12·0	16	35	42	3	57·0	32
	28	M36×2	G1	23	28	39	33	12·5	18	38	48	3	66·0	41
	35	M45×2	G1¼	30	35	49	42	12·5	20	45	54	3	77·5	50
	42	M52×2	G1½	36	42	55	49	14·0	22	51	61	3	88·0	55
Heavy H	20	M30×2	G3/4	16	20	32	27	13·0	16	37	42	3	57·0	32
	25	M36×2	G1	20	25	39	33	15·0	18	42	48	3	66·0	41
	30	M42×2	G1¼	25	30	49	39	16·0	20	49	54	3	76·0	50
	38	M52×2	G1½	32	38	55	49	19·0	22	57	61	3	88·0	55

Note — Stud end details shown in the Fig. conform to Type A of IS : 8805 (Part I)-1978. Type B may be used, if required in which case the designation shall be, for example :

Stud Tee Body L22 IS : 9725 (Part II) B

*Threads conforming to IS : 4218-1976 'ISO metric screw threads', class 6 g.

†Threads conforming to IS : 2643-1975 'Pipe threads for fastening purposes'.

‡Tolerance on *s* : h13 for *s* up to 32 mm
h14 for *s* above 32 mm.

Printed at Printrade, New Delhi, India